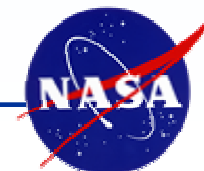




NASA John H. Glenn Research Center at Lewis Field
Donald J. Campbell, Director

Glenn Research Center

at Lewis Field



Technology Products

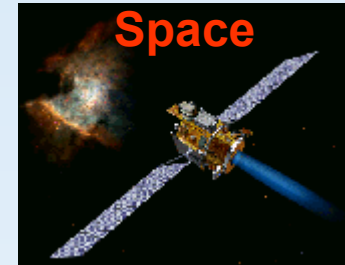
Aeronautics



Aerospace



Space



Verification



Research

Roles & Missions

Lead Center for Aeropropulsion

Lead Center for Aerospace Power

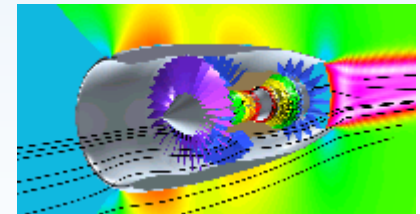
Microgravity Sciences Fluids & Combustion Lead

Electric Propulsion Lead

Space Communication Technology Lead

Center of Excellence in Turbomachinery

Technology Transfer



Development

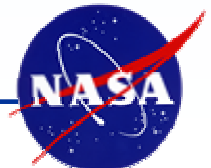
Core Competencies

Aeropropulsion Systems
Aerospace Power & Electric Propulsion

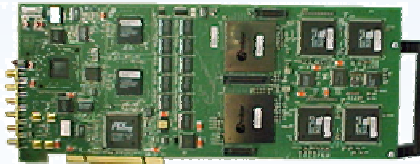
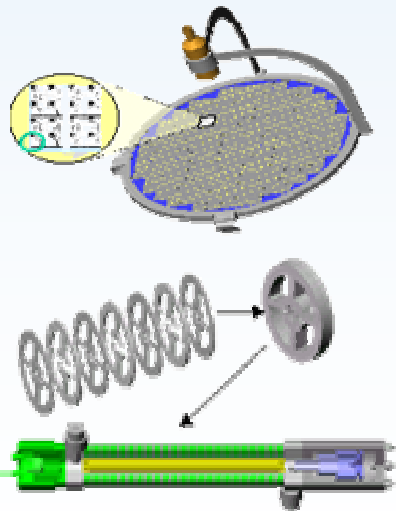
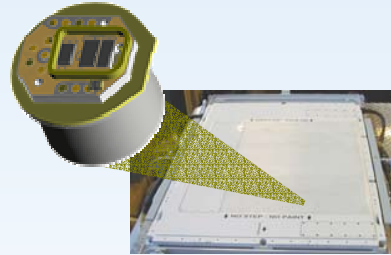
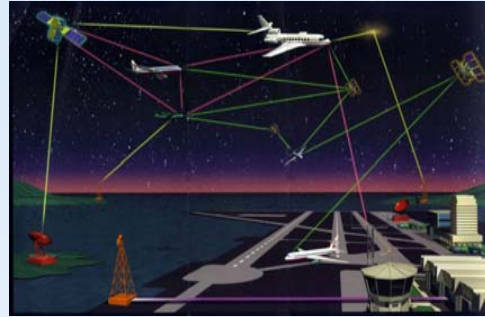
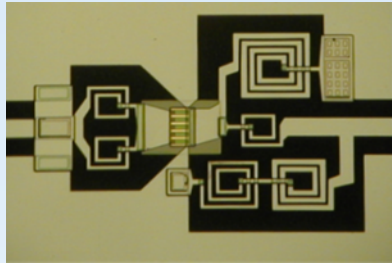
Fluids & Combustion
Aerospace Communications

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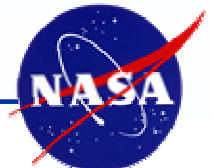


Aerospace Communications



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CNS R&T in NASA Projects

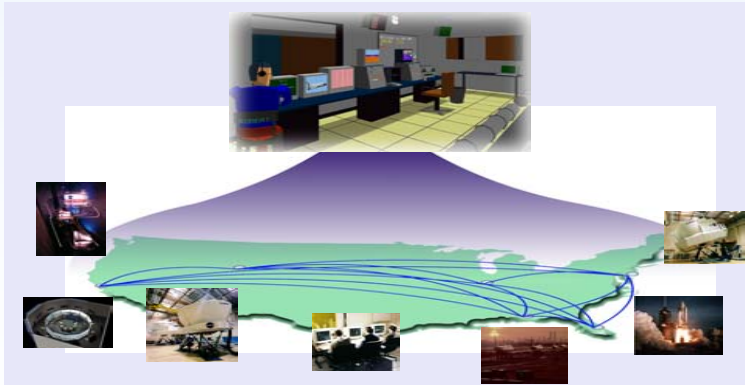
Weather Accident Prevention



AATT



Virtual Airspace Modeling

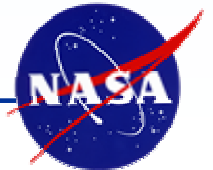


Small Aircraft Transportation System Project



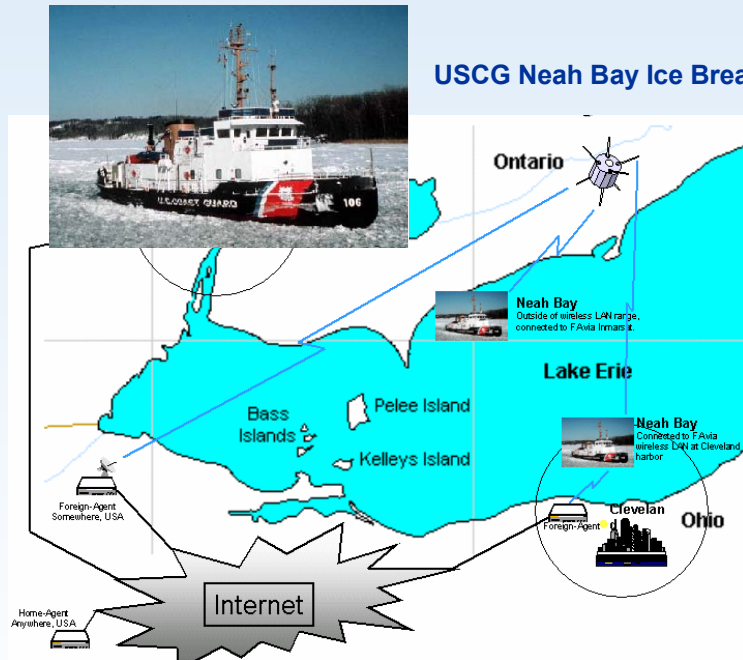
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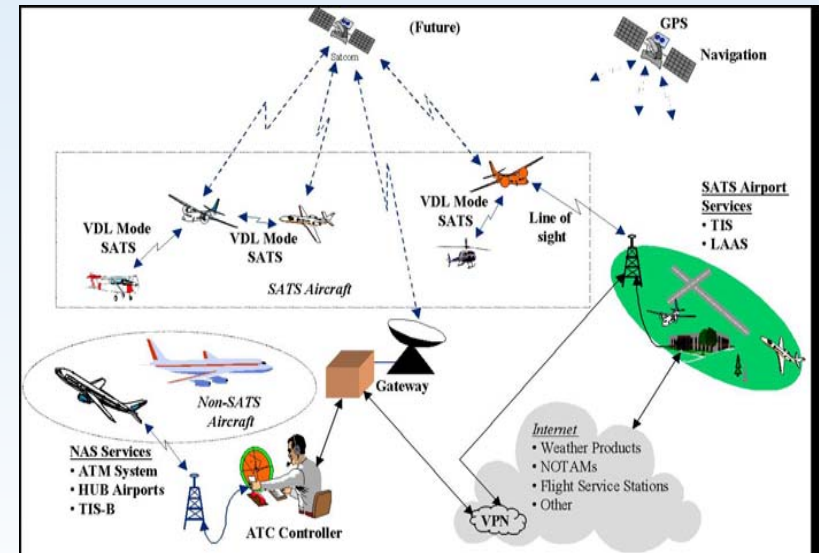
GRC won 6 of 14 TGIR Awards; 2 in Aerospace Comm

Pioneering Technology Goal -
Secure, Mobile Wireless Network



Partners: US Coast Guard, Verizon Federal Network Systems, Lockheed Martin, Cisco Systems, Western DataCom, SRC

Mobility Objective –
SATS Airborne Internet



Partners: LaRC, FAA, FAA Technical Center, CNS Inc., Mulkerin Assoc., AvCS Research, Microflight, Project Mgmt Enterprises, ADSI, AvCom, Comptel, ATC, Tectura Corp.

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